CLAIMS

2. A method of analysing colour image data relating to a target object as claimed in claim 1 wherein the colour image data comprising RGB colour values are obtained by digitising measured RGB values from a colour data capture system using a digitiser, the digitiser having a predetermined intensity normalised offset "k", and wherein the light intensity independent measures of colour values are determined from the equations:

$$R_i = \frac{(R - k)}{R \div G \div B - 3k}$$

$$G_i = \frac{(G - k)}{R + G + B - 3k}$$

$$I = \frac{(R + G + B - 3k)}{3}$$

where Ri is the intensity normalised red value, Gi is the intensity normalised green value, and I is the intensity, the intensity variable I being only used for reconstruction of the RGB colour values.